

This listing of claims will replace all prior versions, and listings, of claims in the application:

### **LISTING OF CLAIMS**

Claims 3 and 8-14 (Cancelled)

Claim 1 (Currently Amended): A method of treating an individual exhibiting ~~at least one symptom of a~~ pervasive developmental disorder, the method comprising administering to the individual an antimicrobial composition containing a nitroimidazole ~~in an amount effective~~ to inhibit or eliminate the ~~at least one symptom of the~~ pervasive developmental disorder.

Claim 2 (Currently Amended): The method according to ~~of~~ claim 1 wherein the ~~mental~~ pervasive developmental disorder is selected from the group consisting of ~~anxiety disorder, attention deficit/hyperactivity disorder, autistic disorder, bipolar disorder, major depression, mood disorder, pervasive developmental disorder, and~~ psychotic disorder ~~and schizophrenia~~.

Claim 4 (Currently Amended): The method according to ~~of~~ claim 1 wherein the antimicrobial composition nitroimidazole is ~~further selected from the group consisting of~~ amoxicillin, bacitracin, cefpodoxime proxetil, clarithromycin, metronidazole, ~~polymyxin B, and vancomycin~~.

Claim 5 (Currently Amended): The method according to ~~of~~ claim 1 wherein the antimicrobial composition is administered orally.

Claim 6 (Currently Amended): The method according to of claim 1 wherein the antimicrobial composition is administered rectally.

Claim 7 (Currently Amended): The method according to of claim 1 wherein the antimicrobial composition is administered parenterally.